

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: July 21, 2001, 10:01:49 ; Search time 2052.79 Seconds

(without alignments)
 12935.110 Million cell updates/sec

Title: US-09-587-111-4

Perfect score: 2809

Sequence: 1 ggcttagctgtccctgacagg.....aaaaaaaaaaaaaaa 2809

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 10228115 seqs, 4726426750 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing first 45 summaries

Database : EST:*

1: gb_est1:*

2: gb_est2:*

3: gb_est3:*

4: gb_est4:*

5: gb_est5:*

6: gb_est6:*

7: gb_est7:*

8: gb_est8:*

9: gb_est9:*

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12: gb_est12:*

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41: gb_est41:*

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43: gb_est43:*

44: em_esthun10:*

45: em_esthun11:*

46: em_esthun12:*

47: em_esthun13:*

48: em_esthun14:*

49: em_esthun15:*

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80: em_estp9:*

81: em_estp10:*

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85: em_estp3:*

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115: em_estp33:*

116: em_estp34:*

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117: gb_est48:*
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179: em_esthun31:*
180: em_esthun32:*
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182: em_estp11:*
183: em_estro21:*
184: em_estro22:*
185: em_estro23:*
186: em_htc:*
187: gb_est107:*
188: gb_est108:*
189: gb_est109:*

```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

FEATURES	source	RESULT	9
1. .682	/organism="Homo sapiens"	BF940288/C	588 bp mRNA
/db_xref="taxon: 9606"		DEFINITION	EST 22-JAN-2001
/clone="IMAGE:343576"			Similar to TR-Q9Y51 Q9551 VANILOID RECEPTOR-LIKE PROTEIN 1.;
/clone_1db="NCI_CGAP_Ov18"			
2. .682			
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FEATURES	source	mRNA sequence.
		BF940288
ACCESSION		BF940288
VERSION		1
KEYWORDS		EST.
SOURCE		human.
ORGANISM		Homo sapiens
		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE		1 (bases 1 to 588)
AUTHORS		NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
TITLE		National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
JOURNAL		unpublished (1997)
COMMENT		Contact: Robert Strausberg, Ph.D.
		Email: cgapsr@mail.nih.gov
		Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.
		CDNA Library Preparation: M. Bento Soares, Ph.D.
		CDNA Library Arrayed by: Greg Lennon, Ph.D.
		DNNA Sequencing by: Washington University Genome Sequencing Center
		Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL, send email to: info@image.llnl.gov
Seq primer		Seq primer: 40UP from Gibco
		High quality sequence start: 492.
FEATURES	Location/Qualifiers	
		1. 588
		/organism="Homo sapiens"
		/db_xref="taxon:9606"
		/clone="IMAGE:3577090"
		/clone_id="NCI_CGAP_Kid11"
		/lab_host="DH10B"
		/note="Organ: kidney; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI; Plasmid DNA from the normalized library NCI_CGAP_Kid3 was prepared, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from a pool of 5,000 clones made from the same library (cloneids 1322376-1323911, 1456007-1456775, and 150552-1502855). Subtraction by Bento Soares and M. Patima Bonaldo."
BASE COUNT		110 a 173 c 163 g 142 t
ORIGIN		
Query	Match	20.9%; score 588; DB 171; Length 588;
Best Local Similarity		100.0%; Pred. No. 4.4e-123; Length 588;
Matches		588; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	361	atgaccctaccctccacgttcccgatgtttcggtggagacatggatggggaaaga 420
Db	588	ATGACCTCACCTCCAGTCCTCAGTTCAGTTGAGACATTAGATGGAGCCAGAA 529
QY	421	gtatggcttcaggccacaaaggaaaggctggatgtttgggggggtggcccttgg 480
Db	528	GATGCTCTGAGGGCACAGGAAGCTGTTGGACGGGCTGCCCTCATGGG 469
QY	481	tcacgatccaggggaggacggaaatggccctcagaataaggtaacctcaactac 540
Db	468	TCACAGTCAGGGAGGGAAATTGGCCAGATAAGATCAACCTCACTAC 409
QY	541	cgaaggacaggccgtccggatccaaaccatgtggatcgatcggttc 600
Db	408	CGAAGGACAGGTGCCAGTCAGCGGATCAAACGATTTGACGGAGATCGGCTCTC 349
QY	601	aatcgccgttcgggggtgtcccgacgtggactccggatgtttgg 660
Db	348	AATGGGTCCTCGGGGGTGRCCCGGAGCTGGATGACTTCAGTACCTGGCAAG 289
QY	661	accacaaaggatccatccggactcgaaatacacaagggggtccacagg 720
Db	288	ACCAAGCAAGTACCTACCGACTCGGAAATACACAGAGGGCCTCACAGGTAAGACGGCTG 229
FEATURES	source	EST.
		BF690154
ACCESSION		BF690154
VERSION		1
KEYWORDS		mRNA sequence.
SOURCE		human.
ORGANISM		Homo sapiens
		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE		1 (bases 1 to 984)
AUTHORS		NIR-MGC http://mgc.nci.nih.gov/
TITLE		National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL		Unpublished (1999)
COMMENT		Contact: Robert Strausberg, Ph.D.
		Email: cgapsr@mail.nih.gov
		Tissue Procurement: ATCC/DCD/DTP
		CDNA Library Preparation: Ling Hong/Rubin Laboratory
		CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
		DNA Sequencing by: Incyte Genomics, Inc.
		Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: http://image.llnl.gov
		Plate: LCM154 row: c column: 22
		High quality sequence start: 20
		High quality sequence stop: 715.
FEATURES	Location/Qualifiers	
		1. 984
		/organism="Homo sapiens"
		/db_xref="taxon:9606"
		/clone="IMAGE:4298445"
		/clone_id="NIR_MGC_49"
		/lab_host="DH10B" (phage resistant)
		/note="Organ: skin; Vector: pMB7; Site_1: Khol; Site_2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/Xhol sites using the following 5' adaptor: GGCAGGAGG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIR_MGC
BASE COUNT		200 a 297 c 284 g 203 t.
ORIGIN		
Query	Match	19.7%; score 554; DB 168; Length 984;
Best Local Similarity		86.6%; Pred. No. 2.7e-115; Length 984;
Matches		752; Conservative 0; Mismatches 95; Indels 21; Gaps 12;
QY	1870	gtgcgggtggctgtggatccatatacaatcggtttccacacggatctac 1929

QY 2707 caccatcgctcgctctggggcccccgtgaattctgtggcaaatataatttcactaac 2766
 Db 63 CACACTGCTGCTGGTGGGRCGAGTGAARTCTGTTGGCAATAATATTTCACTAGC 4

QY 2767 tca 2769
 Db 3 TCA 1

RESULT 12
 Locus BF195711
 Definition BF195711 550 bp mRNA
 Organism Homo sapiens cDNA clone IMAGE:351671 3'
 Similar to TR:Q9Y670 Q9Y670 VANILLOID RECEPTOR-LIKE PROTEIN. ;,
 mRNA sequence.
 Accession BF195711
 Version BF195711.1
 Keywords EST.
 Source human.
 Organism Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
 Reference 1 (bases 1 to 550)
 Authors NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 Title National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 Journal Unpublished (1997)
 Comment Contact: Robert Straussberg, Ph.D.
 Email: cgaps-r@mail.nih.gov
 Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael
 Soares, Ph.D. cDNA Library Preparation: M. Bento
 I.M.A.G.E. Consortium DNA Sequencing by: Christa Prange, The
 Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be
 found through the I.M.A.G.E. Consortium/LMNL send email to:
 trace@image.llnl.gov
 Considered overall poor quality
 High quality sequence stop: 1.
 Location/Qualifiers 1. .550

FEATURES source
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone="IMAGE:351671"
 /clone_lid="NCI-CGAP_OV18"
 /tissue_type="fibrotheoma"
 /lab_host="DH10B (phage-resistant)"
 /note="Organ: ovary; Vector: pRT13D-Pac (Pharmacia) with a
 modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
 strand cDNA was primed with a Not I - oligo(dT) primer [5'
 TGTTCACATCTGAGTGGAGGCCGCCGACATTTTTTTTTTT 3'];
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Not I and cloned into the Not
 I and Eco RI sites of the modified pRT13 vector. Library
 went through one round of normalization, and was
 constructed by Bento Soares and M. Fatima Bonaldo. .
 BASE COUNT 122 a 166 c 149 g 113 t
 ORIGIN 149 g

Query Match 19.0%; Score 532.4; DB 145; Length 550;
 Best Local Similarity 98.0%; Pore. No. 1.9e-110;
 Matches 539; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 984 cgttcaatcgctcccccctcttggccgtcgaccacgactggatgtggtaactct 1043
 Db 1 CGGTAGCTACCCCTCTCTGGCTTGCCACCAAGCAGGGAGTGTGTTAAGTACCT 60

QY 1044 cctggagaaccacccaggccggcggactgtggatgtggtaactct 1103
 Db 61 CCTGGAGAACCCACACCCAGGGCGAGCCAGCTCCAGGCAACAGA 120

QY 1104 cctggatgcctctggatgtggatctcgagactcaactcgactgggaccag 1163

RESULT 13
 Locus AW517339/c
 Definition AW517339 527 bp mRNA
 Organism Soares_NHCE_cervix Homo sapiens cDNA clone IMAGE:2747930
 Similar to TR:035433 035433 VANILLOID RECEPTOR SUBTYPE 1. ;,
 mRNA sequence.
 Accession AW517339
 Version AW517339.1
 Keywords EST.
 Source human.
 Organism Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
 Reference 1 (bases 1 to 527)
 Authors NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 Title National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 Unpublished (1997)
 Comment Contact: Robert Straussberg, Ph.D.
 Email: cgaps-r@mail.nih.gov
 This clone is available royalty-free through LMNL; contact the
 IMAGE Consortium (trace@image.llnl.gov) for further information.
 Seq Primer: -40UP from Gibco
 High quality sequence stop: 467.
 Location/Qualifiers 1. .527

FEATURES source
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone="Soares_NHCE_cervix"
 /clone_lid="Soares_NHCE_cervix"
 /lab_host=DH10B (phage-resistant)"
 /note="Organ: cervix; Vector: pRT13D-Pac (Pharmacia) with
 a modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
 strand cDNA was primed with a Not I - oligo(dT) primer [5'
 TGTTCACATCTGAGTGGAGGCCGCCGACATTTTTTTTTTT 3'];
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Not I and cloned into the Not
 I and Eco RI sites of the modified pRT13 vector. Library
 went through one round of normalization, and was
 constructed by Bento Soares and M. Fatima Bonaldo."
 BASE COUNT 96 a 158 c 141 g 131 t 1 others

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